

02/02/01

J1036 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**(Only for new non-provisional applications under  
37CFR §1.53(b))

Attorney Docket No. DBH:8102.002

First Inventor or Application Identifier Mailgeorgos

Title VOLTAGE CONTROLLED QUADRATURE OSCILLATOR WITH PHASE  
TUNING

Express Mail Label No. EL619333749US

APPLICATION ELEMENTS  
See MPEP chapter 600 concerning utility patent application  
contents.ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, D.C. 202311. ☒ \*Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)2. ☒ Specification *Total pages* **81**  
(preferred arrangement set forth below)  
- Descriptive Title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Federally Sponsored

## Research

- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) *Total Pages*

5

4. Oath or Declaration *Total Pages*

3

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR  
§1.63(d)) (for continuation/divisional with Box 16  
completed)I. ☐ Deletion of Inventor(s)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR §§1.53(d)(2) and 1.33(b)\* Note for Items 1 & 13: In order to be entitled to  
pay small entity fees, a small entity statement is  
required (37 CFR §1.27), except if one filed in a prior  
application is relied upon (37 CFR §1.28)5. ☐ Microfiche Computer Program (Appendix)6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer readable copyb. ☐ Paper copy (identical to computer copy)c. ☐ Statement verifying identity of above  
copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))8. ☐ 37 CFR §3.73(b) Statement ☐ Power of Attorney  
when there is an assignee9. ☐ English translation document (if applicable)10. ☐ Information Disclosure Statement (IDS) PTO1449 ☐ Copies of IDS  
Citations11. ☐ Preliminary Amendment12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)13. ☒ Applicant claims Small Entity Status14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)15. ☒ Other: Certificate of Mailing by Express Mail16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary  
amendment☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application Information: Examiner

Group No./Art Unit

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is  
supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is  
hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted  
from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(insert customer number or attach bar code label here)

or ☒ Correspondence address below

Name Donald B. Haslett

Address Chernoff, Vilhauer, McClung &amp; Stenzel, LLP, 1600 ODS Tower, 601 S.W. Second Avenue

City Portland

State

Oregon

Zip Code

97204-3157

Country US

Telephone

(503) 227 5631

FAX

(503) 228 4373

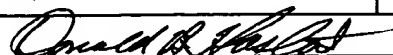
Name (print type)

Donald B. Haslett

Registration No. (Attorney/Agent)

28,855

Signature



Date

February 2, 2001

02-05-01

A

FORM PTO/SB/17 (12-99) (Modified)

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity  
statement, otherwise large entity fees must be paid. See  
Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

Complete If Known

TOTAL AMOUNT OF PAYMENT	\$355	Application Number	
		Filing Date	2 Feb. 2001
		First Named Inventor	Mallgeorgos, James
		Examiner Name	
		Group/ Art Unit	
		Attorney Docket No.	DBH: 8102.002

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to: Deposit Account Number <u>03-1550</u> Deposit Account Name <u>Chernoff Vilhauer McClung &amp; Stenzel</u>  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 & 1.17		3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	
2. <input checked="" type="checkbox"/> Payment Enclosed  <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge - late filing fee or oath 127 50 227 25 Surcharge-late provisional filing fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for reexamination 112 920* 112 920* Requesting publication of SIR prior to Examiner action 113 1840* 113 1840* Requesting publication of SIR after Examiner action 115 110 215 55 Extension for reply within first month 116 390 216 195 Extension for reply within second month 117 890 217 445 Extension for reply within third month 118 1,390 218 695 Extension for reply within fourth month 128 1,890 228 945 Extension for reply within fifth month 119 310 219 155 Notice of Appeal 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive - unavoidable 141 1,240 241 620 Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Statement 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 C.F.R. 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)		126 240 126 240 Submission of Information Disclosure Statement 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 C.F.R. 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
101 710 201 355 Utility filing fee 355 106 320 206 160 Design filing fee 107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee 114 150 214 75 Provisional filing fee SUBTOTAL (1) \$355		126 240 126 240 Submission of Information Disclosure Statement 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 C.F.R. 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
2. EXTRA CLAIM FEES Total Claims <u>3</u> -20* = <u>0</u> X <u>0</u> = <u>0</u> Indep. Claims <u>1</u> -3* = <u>0</u> X <u>0</u> = <u>0</u> Multiple Dependent <u>0</u> = <u>0</u> *or number of previously paid, if greater. For reissues, see below. Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)		126 240 126 240 Submission of Information Disclosure Statement 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 C.F.R. 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 *Reissue independent claims over original patent 110 18 210 9 *Reissue claims in excess of 20 and over original patent SUBTOTAL (2) 0		126 240 126 240 Submission of Information Disclosure Statement 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection (37 C.F.R. 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
SUBTOTAL (2) 0		SUBTOTAL (3) 0	

SUBMITTED BY		Complete (if applicable)			
Name (print type)	Donald B. Haslett	Registration No.	28,855	Telephone	(503) 227-5631
Signature	<i>Donald B. Haslett</i>	Date	February 2, 2001		

CERTIFICATE OF MAILING

BY "EXPRESS MAIL"



Express Mail No.: EL619333749US

Date of Deposit : February 2, 2001

I hereby certify that the utility patent application attached hereto entitled VOLTAGE CONTROLLED QUADRATURE OSCILLATOR WITH PHASE TUNING, James Maligeorgos, inventor, together with a Utility Patent Application Transmittal Form PTO/SB/05, and drawings (5 sheets), is being deposited with the United States Postal Service "Express Mail to Addressee" on the date indicated above and is addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

  
Dwight Bergquist-Moody

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